

according to Regulation (EC) No 1907/2006

CONLOC SK 711

Revision date: 03.05.2023

Product code: 750711030

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

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Product group:

silicone

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Silicone Sealant/adhesive

1.3. Details of the supplier of the safety data sheet

Company name:	EGO Dichtstoffwerke GmbH & Co. Bet	riebs KG		
Street:	Kaltenbrunn 27			
Place:	D-82467 Garmisch-Partenkirchen			
Telephone:	+49 (0)8821 956 90	Telefax:+49 (0)8821 956 990		
E-mail:	info@ego.de			
Contact person:	Laboratory	Telephone: +49 (0)8821 956 960		
E-mail:	EGO-Labor@ego.de			
Internet:	www.ego.de			
1.4. Emergency telephone	+49 55119240 (24h/7d)			
number:	GIZ-Nord, Göttingen			
	Member of EPECs network			

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Hazard categories:
Flammable liquid: Flam. Liq. 2
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2A
Reproductive toxicity: Repr. 2
Specific target organ toxicity - repeated exposure: STOT RE 2
Hazardous to the aquatic environment: Aquatic Chronic 3
Hazard Statements:
Highly flammable liquid and vapour.
Causes serious eye irritation.
Causes skin irritation.
Suspected of damaging the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling
toluene

Signal word: Pictograms:

Danger



Hazard statements H225

Highly flammable liquid and vapour.



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H319	Causes serious eye irritation.	
H315	Causes skin irritation.	
H361d	Suspected of damaging the unborn child.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H412	Harmful to aquatic life with long lasting effects.	
Precautionary statemen	nts	
P102	Keep out of reach of children.	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.	
P260	Do not breathe dust/fume/gas/mist/vapours/spray.	
P243	Take action to prevent static discharges.	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.	
P332+P313	If skin irritation occurs: Get medical advice/attention.	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
P337+P313	If eye irritation persists: Get medical advice/attention.	
P403+P235	Store in a well-ventilated place. Keep cool.	
P501	Dispose of contents/container in accordance with local regulation.	
2.3. Other hazards		

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Polydimethylsiloxane + curing agents + fillers + auxiliary agents

Relevant ingredients

CAS No	Chemical name		Quantity		
	EC No	Index No	REACH No		
	Classification (Regulation (EC) No 1272/2008)				
108-88-3	toluene			< 20 %	
	203-625-9	601-021-00-3			
	Flam. Liq. 2, Repr. 2, Skin Irrit. 2 H373 H304	1; H225 H361d H315 H336			
4253-34-3	Methyltriacetoxysilan				
	224-221-9		01-2119962266-32		
	Acute Tox. 4, Skin Corr. 1B, Eye				
1067-33-0	Dibutylzinndiacetat				
	213-928-8		01-2119634587-29		
	Muta. 2, Repr. 1B, Skin Corr. 1B H341 H360 H314 H317 H370 H3				

Full text of H and EUH statements: see section 16.



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Specific Conc. Limits, M-factors and ATE

CAS No	EC No Chemical name		Quantity			
	Specific Conc	Specific Conc. Limits, M-factors and ATE				
108-88-3	203-625-9	toluene	< 20 %			
	inhalation: LC50 = 49 mg/l (vapours); dermal: LD50 = 12200 mg/kg					
4253-34-3 224-221-9 Methyltriacetoxysilan		Methyltriacetoxysilan	< 10 %			
	oral: ATE = 5	oral: ATE = 500 mg/kg				
1067-33-0	213-928-8	Dibutylzinndiacetat	< 0,1 %			
	Aquatic Chronic 1; H410: M=10					

Further Information

This product does not contain any reportable Eu-listed Substances of Very High Concern (SVHC) in a concentration of >= 0,1% (Regulation (EC) No 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

During polymerization the product releases small quantities of acetic acid.

In case of accident or if you feel unwell, seek medical advice immediately (show the packaging, label or safety data sheet if possible). Vapours may cause drowsiness and dizziness. Do not leave the injured person unattended.

Avoid exposure to women during early pregnancy.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. If skin irritation persists, call a physician.

After contact with eyes

Immediately flush eye(s) with plenty of water. In case of durable symptoms, consult an opthalmologist.

After ingestion

Let water be swallowed in little sips (dilution effect). Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Relevant information can be found in other parts of this section.

4.3. Indication of any immediate medical attention and special treatment needed

Avoid exposure to women during early pregnancy.

Hazard identification: toxic effects for reproduction

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water fog. alcohol resistant foam. Carbon dioxide. Extinguishing powder. Sand.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

En cas d'incendie, possibilité de gaz ou de vapeurs de combustion dangereux. L'exposition aux produits de combustion peut être dangereuse pour la santé! Produits d'incendie dangereux: Oxydes de carbone, oxydes de silicium, hydrocarbures incomplètement brûlés, vapeurs toxiques et très toxiques. En brûlant le développement de suie forte.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus. Use a tight-fitting chemical protective suit.



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear personal protection equipment. Avoid contact with skin and eyes. Do not breathe gas/vapour. Special skid risk by leaking/spilling product. Keep unprotected people away. Provide adequate ventilation.

For non-emergency personnel

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

For emergency responders

Wear personal protection equipment.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Retain and dispose of contaminated wash water.

6.3. Methods and material for containment and cleaning up

For containment

Cover the sewers.

For cleaning up

Pick up mechanically and dispose of properly. Do not rinse with water. For small quantities: Take up with liquid-binding preferably acid-binding material and dispose of properly. For large quantities: Liquids can be taken up with suction devices or pumps. If flammable, use only air-powered or properly-regulated electrical appliances. Remove any remaining slippery surface with detergent / soap solution or other biodegradable cleaner. Silicone oils are slippery, spilled substance is therefore a safety hazard. To improve the grip, apply sand or other inert, granular material.

Other information

Provide adequate ventilation.

6.4. Reference to other sections

See also section 8,13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide sufficient air exchange and/or exhaust in work rooms. Vapors / aerosols must be cleaned by suction at the place of origin. Contaminated surfaces will be extremely slippery.

Advice on protection against fire and explosion

Fumes may form explosive mixtures with air. Keep product and empty container away from heat and sources of ignition. Take precautionary measures against static discharges. Cool closed containers exposed to fire with water spray.

Advice on general occupational hygiene

Avoid contact with the skin and the eyes. Do not breathe gas/fumes/vapour/spray. When using, do not eat, drink or smoke. Keep working clothes separately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

This information is not available.

Hints on joint storage

This information is not available.

Further information on storage conditions

Keep container tightly closed in a dry and well-ventilated place. Protect from moisture.



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Minimum storage temperature: 0 °C

7.3. Specific end use(s)

Silicone Sealant/adhesive

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

CAS No	Name of agent	ppm	mg/m³	fib/cm³	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	
		20	50		STEL (15 min)	
108-88-3	Toluene	50	192		TWA (8 h)	
		100	384		STEL (15 min)	

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Protective gloves Fluorinated rubber.

Duration of use approx. 480 minutes. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Protective suit

Respiratory protection

If inhalation exposure above the workplace exposure limit can not be excluded, appropriate respiratory protective equipment should be used. Suitable respiratory protection: Respirator with full face mask, in accordance with recognized standards such as EN 136. Recommended filter type: ABEK gas filter (certain inorganic, organic and acid gases and vapors, ammonia / amines), in accordance with recognized standards such as EN 14387 Wear appropriate respiratory protective equipment and protective clothing when exposed to spray or aerosol. Suitable respiratory protection: Respirator with full face mask, in accordance with recognized standards such as EN 136. Recommended filter type: Combination filter ABEK-P2 (certain inorganic, organic and acid gases and vapors, ammonia / amines, particles), according to recognized standards such as EN 14387 In case of long or strong exposure, use breathing apparatus. Suitable respiratory protection: Self-contained breathing apparatus, according to recognized standards such as EN 137. The wearing time limit for respiratory protection as well as instructions of the device manufacturer are to be observed.

Thermal hazards

Do not heat the product. Under fire conditions: Flame-resistant clothing Low temperature resistant gloves: not required

Environmental exposure controls

Do not empty into drains or the aquatic environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:

liquid



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Colour:	transparent	
Odour:	strong	
Odour threshold:	not determined	
		Test method
Melting point/freezing point:	Exempt	
Boiling point or initial boiling point and	111 (1013 hPa) °C	
boiling range:		
Lower explosion limits:	1,2 vol. %	
Upper explosion limits:	7 vol. %	
Flash point:	6 °C	DIN 53213
Auto-ignition temperature:	approx. 540 °C	
pH-Value:	not applicable Mixture not soluble in	
•	water	
Water solubility:	virtually insoluble	
Vapour pressure:	29 hPa	
(at 20 °C)		
Vapour pressure:	123 hPa	
(at 50 °C)		
Density (at 23 °C):		DIN 53217
Particle characteristics:	not applicable	
9.2. Other information		
Other safety characteristics		
Viscosity / dynamic:	approx. 65000 mPa⋅s	Brookfield
(at 23 °C)		
Further Information		
Possible decomposition products in case	of hydrolysis are:	
acetic acid: explosion limits 4 -17 Vol-%		

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable at normal ambient temperature and pressure.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

moisture. Heat, flames and sparks.

10.5. Incompatible materials

Reacts with water, Bases, alcohols. Formation of: Acetic acid.

10.6. Hazardous decomposition products

Possible decomposition products in case of hydrolysis are: Acetic acid.

Further information

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

No toxicology information is available. Acute toxicity estimate (Oral) >5000 mg/kg



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ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
108-88-3	toluene					
	dermal	LD50 mg/kg	12200	Rabbit	GESTIS	
	inhalation (4 h) vapour	LC50	49 mg/l	Rat	GESTIS	
4253-34-3	Methyltriacetoxysilan					
	oral	ATE mg/kg	500			

Irritation and corrosivity

Irritating to eyes and skin. (Result, Methods of detection and analysis rabbit)

Sensitising effects

Toxicological data are not available.

Carcinogenic/mutagenic/toxic effects for reproduction

No data is available on the product itself.

toluene: Possible risk of harm to the unborn child.

STOT-single exposure

No data is available on the product itself.

toluene (inhalation):

Target Organs: Central nervous system; Product has narcotic effect.

STOT-repeated exposure

No data is available on the product itself.

toluene (inhalation):

Target Organs: Central nervous system; Product has narcotic effect.

Aspiration hazard

Due to the viscosity, this product does not present an aspiration hazard. Component toluene: Aspiration hazard

Information on likely routes of exposure

Skin contact, Inhalation

11.2. Information on other hazards

Further information

During polymerization the product releases small quantities of acetic acid. Do not inhale highly-concentrated release products for a longer period of time during polymerization, danger of irritation. toluene Slighly irritating to skin and muuous membranes, degraesing skin, narcotic.

SECTION 12: Ecological information

12.1. Toxicity

There are no test data for the complete mixture.



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CAS No	Chemical name	Chemical name					
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
108-88-3	toluene	toluene					
	Acute fish toxicity	LC50	13 mg/l	96 h	Carassius auratus	IUCLID	
	Acute algae toxicity	ErC50 mg/l	12,5	72 h		GESTIS	

12.2. Persistence and degradability

silicone bio-degradable. The solvent is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulation is unlikely.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
108-88-3	toluene	2,73

12.4. Mobility in soil

No data is available on the product itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

None known.

Further information

Cured product is insoluble in water

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Recommendation: Material that can not be recycled, reprocessed or recycled should be disposed of in an approved facility in accordance with national, state and local regulations. Depending on the regulations, waste treatment methods may include, for example, disposal in a landfill or incineration.

For this product, no waste code number according to the European Waste Catalog (AVV) can be specified, since only the intended use by the consumer allows an allocation. The waste code number must be determined within the EU in consultation with the disposal company.

Contaminated packaging

Packaging must be completely emptied (drip-free, free from trickle, spatula-clean). Packaging must preferably be reused or recycled in compliance with the applicable local / national regulations.

Non-cleanable packaging must be disposed of in the same way as the substance. Non-contaminated packagings can be reused.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN 1993
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (toluene, n-propanol)
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3



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14.7. Maritime transport in bulk according to IMO instruments



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There is no intended bulk transport in tankers.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 30, Entry 40, Entry 48

Directive 2004/42/EC on VOC in VOC = 15,761%

paints and varnishes: Additional information

Moreover, national legislation has to be obeyed!

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. 2 - obviously hazardous to water

Water hazard class (D): Additional information

Chemicals Prohibition Ordinance (ChemVerbotsV): This product is not subject to the Chemicals Prohibition Ordinance when placed on the market in Germany.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 6,7,8,9,11,12,16.



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Abbreviations and acronyms Flam. Liq: Flammable liquid Acute Tox: Acute toxicity Asp. Tox: Aspiration hazard Skin Corr: Skin corrosion Skin Irrit: Skin irritation Eye Dam: Eye damage Skin Sens: Skin sensitisation Muta: Germ cell mutagenicity Repr: Reproductive toxicity STOT SE: Specific target organ toxicity - single exposure STOT RE: Specific target organ toxicity - repeated exposure Aquatic Chronic: Chronic aquatic hazard CLP: Classification, labelling and Packaging REACH: Registration, Evaluation and Authorization of Chemicals GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals UN: United Nations CAS: Chemical Abstracts Service DNEL: Derived No Effect Level DMEL: Derived Minimal Effect Level PNEC: Predicted No Effect Concentration ATE: Acute toxicity estimate LC50: Lethal concentration, 50% LD50: Lethal dose, 50% LL50: Lethal loading, 50% EL50: Effect loading, 50% EC50: Effective Concentration 50% ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration BCF: Bio-concentration factor PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: Regulations concerning the international carriage of dangerous goods by rail ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures) IMDG: International Maritime Code for Dangerous Goods EmS: Emergency Schedules MFAG: Medical First Aid Guide IATA: International Air Transport Association ICAO: International Civil Aviation Organization MARPOL: International Convention for the Prevention of Marine Pollution from Ships IBC: Intermediate Bulk Container VOC: Volatile Organic Compounds SVHC: Substance of Very High Concern Relevant H and EUH statements (number and full text) H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. May cause an allergic skin reaction. H317 H318 Causes serious eye damage.



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H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
H341	Suspected of causing genetic defects.	
H360	May damage fertility or the unborn child.	
H361d	Suspected of damaging the unborn child.	
H370	Causes damage to organs.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H410	Very toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
EUH014	Reacts violently with water.	

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)